
**SYSTEM AND METHOD FOR
ACCELERATING CHINESE TEXT INPUT**

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ABSTRACT OF THE INVENTION

A Chinese text entry system with eye-tracking technique can be used for computer input of Chinese characters. The system is comprised of two main components: the Chinese pinyin software and the eye-tracking system. Chinese characters corresponding to pinyin input are selected from a list of candidate characters by selecting the proper character through eye-tracking identification and confirming the selection by pressing a readily accessible confirmation key. The Chinese pinyin software implements pinyin input at both the character and word level, choosing from multiple character or word homonyms as pinyin is entered. The system uses eye-tracking technology that is only used to identify the correct Chinese character, with the character selection and entry occurring when the confirmation key is pressed.

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